CyberPower®

Reliability. Quality. Value.

Smart App Sinewave Series PR1000LCDRTXL2Ua/PR1500LCDRTXL2U/ PR2200LCDRTXL2U User's Manual

K01-0000071-01

IMPORTANT SAFETY WARNINGS

This manual contains important instructions that should be followed during installation and maintenance of the UPS and batteries. Please read and follow all instructions carefully during installation and operation of the unit. Read this manual thoroughly before attempting to unpack, install, or operate.

CAUTION! The UPS must be connected to a grounded AC power outlet with fuse or circuit breaker protection. DO NOT plug the UPS into an outlet that is not grounded. If you need to power-drain this equipment, turn off and unplug the unit.

CAUTION! DO NOT USE FOR MEDICAL OR LIFE SUPPORT EQUIPMENT! Under no circumstances this unit should be used for medical applications involving life support equipment and/or patient care.

CAUTION! The battery can power hazardous components inside the unit, even when the AC input power is disconnected.

CAUTION! The UPS should be near the connected equipment and easily accessible.

CAUTION! To prevent the risk of fire or electric shock, install in a temperature and humidity controlled indoor area, free of conductive contaminants. (Please see specifications for acceptable temperature and humidity range).

CAUTION! To reduce the risk of an electric shock, do not remove the cover, except to service the battery. There are no user serviceable parts inside, except for the battery.

CAUTION! To avoid electrical shock, turn off the unit and unplug it from the AC power source before servicing the battery or installing a computer component.

CAUTION! DO NOT USE WITH OR NEAR AQUARIUMS! To reduce the risk of fire, do not use with or near aquariums. Condensation from the aquarium can come in contact with metal electrical contacts and cause the machine to short out.

CAUTION! DO NOT USE WITH LASER PRINTERS! The power demands of laser printers are too large for a UPS.

INSTALLING YOUR UPS SYSTEM

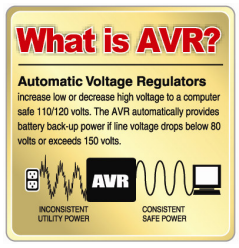
UNPACKING

Inspect the UPS upon receipt. The box should contain the following.

(1) UPS Unit; (1) User's Manual for UPS; (2) Rack mount Brackets; (2) Stands; (2) Skids; (1) Telephone Cable (black); (1) Emergency Power Off Cable (gray); (1) PowerPanel® Business Edition Software CD; (2) Serial Interface Cable (DB-9); (1) USB A+B type cable; (1) Warranty Registration Card.

OVERVIEW

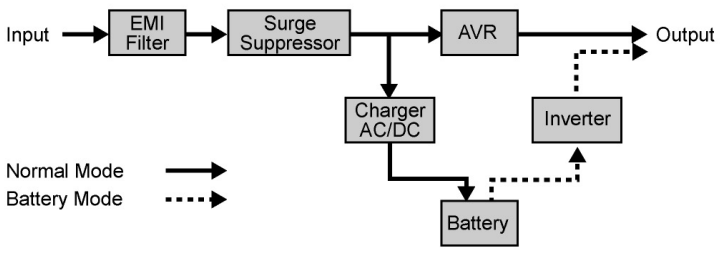
The **PR1000LCDRTXL2Ua/PR1500LCDRTXL2U/PR2200LCDRTXL2U** provides battery backup, automatic voltage regulation (AVR), and optimal performance of computers and other network equipment by ensuring consistent sinewave power. The **PR1000LCDRTXL2Ua/PR1500LCDRTXL2U/PR2200LCDRTXL2U** features 2060 Joules of surge protection, and provides battery backup during power outages. The **PR1000LCDRTXL2Ua/PR1500LCDRTXL2U/PR2200LCDRTXL2U** ensures consistent power to your computer system and its included software will automatically save your open files and shutdown your computer system during a utility power loss.



AUTOMATIC VOLTAGE REGULATOR(AVR)

The **PR1000LCDRTXL2Ua/PR1500LCDRTXL2U/PR2200LCDRTXL2U** can stabiliz the consistent utility power. The utility power may be damaging to important data and hardware, but Automatic Voltage Regulation helps the computer not experience dangerous voltage levels. Automatic Voltage Regulator automatically regulates low or high voltages to keep equipment working at safe AC power levels (110/120V) without switching to battery. Your equipment can operate normally even meet the power problems, such as, shout brownouts and blackouts. The unit's powerful sealed lead-acid batteries will provide power only if the incoming voltage drops below 80V or increases above 150V.

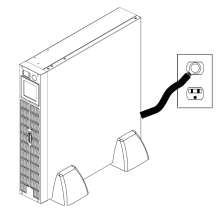
SYSTEM BLOCK DIAGRAM



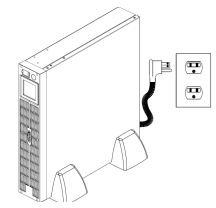
HARDWARE INSTALLATION GUIDE

1. Battery charge loss may occur during shipping and storage. For the first time the UPS is used, it's strongly recommended to charge batteries for at least eight hours is recommended to ensure that the batteries' maximum charge capacity. To recharge the batteries, simply make the UPS plugs into an AC outlet.
2. When you use the included software, connect either the serial or the USB cable between the computer and the corresponding port on the UPS. Note: If the USB port is used, the serial port will be disabled. They cannot be used simultaneously. The computer with the PowerPanel® Business Edition S/W connects to the USB port or the Serial port on the UPS. It can control the operating schedule, battery test, outlet, etc. and get information on the UPS status. However, other computers with PowerPanel® Business Edition S/W can only get UPS status information via a LAN connection.
3. With the UPS off and unplugged, connect your computer, monitor, and any externally powered data storage device (Hard drive, Tape drive, etc.) into the outlets. DO NOT plug a laser printer, copier, space heater, vacuum, paper shredder or other large electrical device into the UPS. The power demands of these devices will overload and possibly damage the unit.
4. To protect a fax, telephone, modem line or network cable, connect the telephone or network cable from the wall jack outlet to the jack marked "IN" of the UPS. Then, connect a telephone cable or network cable from the jack marked "OUT" on the UPS to the modem, computer, telephone, fax machine, or network device.
5. Plug the UPS into a 2 pole, 3 wire grounded receptacle (wall outlet). Make sure the wall branch outlet is protected by a fuse or circuit breaker and does not service equipment with large electrical demands (e.g. air conditioner, refrigerator, copier, etc.). Avoid using extension cords.
6. Press the power switch to turn the UPS on. The Power-On indicator light will illuminate. If an overload is detected, an audible alarm will sound and the UPS will emit one long beep. In order to reset it, turn the unit off and unplug some equipment from outlets. Make sure your equipment carry a load current within the unit's safe range, (refer to the technical specifications), and then turn the unit on.
7. Your UPS is equipped with an auto-charge feature. When the UPS is plugged into an AC outlet, the battery will be automatically charging, even when the unit is switched off!
8. To always maintain an optimal battery charge, leave the UPS plugged into an AC outlet at all times.
9. Before storing the UPS for an extended period of time, turn the unit OFF. Then cover it and store it with the batteries fully charged. Recharge the batteries every three months or so, to ensure good battery capacity and long battery life; further, this might also prevent damage to the unit from an unlikely battery leakage.
10. The unit provides one Primary Serial Port (I), Secondary Serial Port (II), and one USB port, (paired with the Primary Serial Port), to allow connection and communication between the unit and any attached computers. The Primary Serial Port (I) as well as its paired USB port allow for bi-directional communication among the UPS and the primary connected computer running the PowerPanel® Business Edition S/W provided. The UPS can control the computer's shutdown in case of an emergency, and at the same time, the computer can monitor the UPS and alter its various programmable parameters. On the other hand, secondary Serial Port II only allows the UPS to initiate the connected computer's graceful auto-shutdown in case of an emergency.
11. EPO (Emergency Power Off) Port:

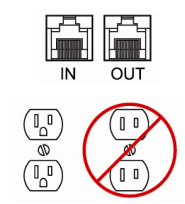
Use the provided gray cable to connect to a special EPO contact switch. Follow the appropriate circuit diagram below to wire the cable to your EPO configuration. The EPO remote switch is a switch installed in an outside area, connected to the unit via an ordinary RJ-11 phone line. In case of an emergency, it can be used to immediately cut-off power from the UPS.

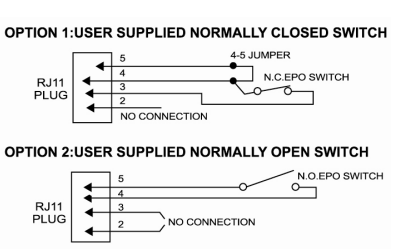


When you first receive the unit, plug in the unit to fully charge the battery.

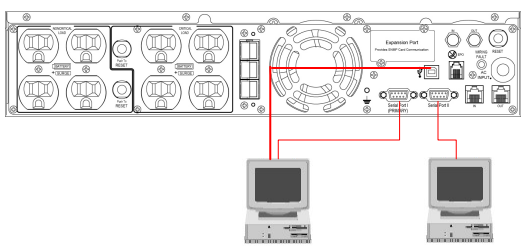


Unplug the unit and turn Power Off when first connecting your computer and peripherals.





Dry connect is controlled by the PowerPanel® Software, please go to www.cyberpowersystems.com for free download.
*__NOTE:__ Both USB and Serial cannot be used simultaneously.

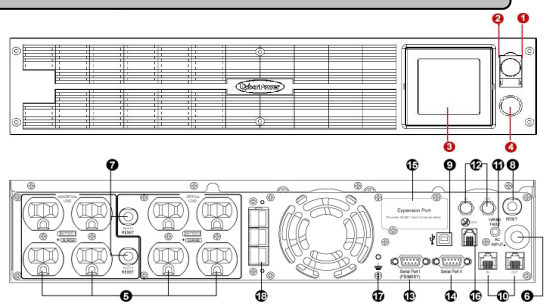


The primary computer with PowerPanel® Business Edition software connected to the UPS with either a serial cable or a USB cable.

The equipment can read information via dry contact.

BASIC OPERATION

FRONT / REAR PANEL DESCRIPTION



1. Power Switch
Master on/off switch for equipment connected to the UPS.
2. Power On Indicator
Indicates the power is on.
3. LCD Module Display
LCD shows all the UPS information with icons and messages.
4. LCD Display Toggle Button
The button can be used to toggle between different data displays on the LCD.
5. Battery Backup Protected Outlets
The unit provides a total of eight outlets with battery backup and surge protection. They ensure that connected equipment will keep an uninterrupted operation over a period of time, during a power failure.
Critical /Non-critical
It is possible to program the unit in a way so that the outlet block marked as "non-Critical", (4 ports), will stop the provision of power to connected equipment after a certain period of time, thus making more runtime available for the equipment connected on the outlets marked as "Critical", (2 ports). In other words, the user can establish runtime priority for certain connected equipment, maximizing its "availability" during a prolonged power outage. This type of control takes place with the use of the provided PowerPanel® Business Edition S/W.
6. Input Power Cord
Connect the AC Power cord to a properly wired and grounded outlet.
7. Output Circuit Breaker
This circuit breaker serves to provide output overload and fault protection.
8. Input Circuit Breaker
This circuit breaker serves to provide input overload and fault protection.
9. USB port
This is a connectivity port allowing communication and control among the UPS and the connected computer. You should install on your computer the PowerPanel® Business Edition S/W appropriate to the operating system you are using.
10. Protected Communication Ports RJ11/RJ45
Ports protect standard single line modem, fax, telephone line or network cable.
11. Site Wire Fault Indicator
This LED will illuminate to warn the user that a wiring problem exists within the AC receptacle, such as a bad ground or reversed wiring. If illuminated, disconnect all equipment and contact an electrician to ensure outlet is properly wired.
12. Coax/Cable/DSS Surge Protection
The Coax/Cable/DSS surge protection ports will protect any cable Modem, CATV converter or DSS receiver.
13. Serial Port I
Serial port allows connection and communication between the UPS and the computer.
14. Serial Port II
Serial Port II relays information to equipment that can utilize a contact closure UPS.
15. SNMP/HTTP Network slot
Remove the cover panel to install optional SNMP that allows remote monitoring and control of your UPS on a network.
16. EPO (Emergency Power Off) Port
Allow for an emergency UPS Power-Off from a remote location.
17. Ground Stud
Use the Ground Stud to ground the UPS.
18.External Battery Pack Connector
Provides a connection for additional CyberPower external battery packs for extended runtime.

BATTERY REPLACEMENT

Contact your dealer, or email tech@cpsww.com. Refer to replacement battery pack number **RBP852** for **PR1000LCDRTXL2Ua/ PR1500LCDRTXL2U/ PR2200LCDRTXL2U**.

For model **PR1000LCDRT2Ua, PR1500LCDRTXL2U, PR2200LCDRTXL2U** can support model **BP48V75ART2U** for external battery pack.

Read and follow the IMPORTANT SAFETY INSTRUCTIONS before servicing the battery. Service the battery under the supervision of personnel knowledgeable of batteries and their precautions**. Servicing the battery should only be performed by trained personnel.**

Replacement of batteries located in an **OPERATOR ACCESS AREA.**

CAUTION! When replacing batteries, replace with the same number of the following battery: HR9-12(BB) for **PR1000LCDRTXL2Ua/ PR1500LCDRTXL2U/ PR2200LCDRTXL2U**,

CAUTION! Risk of Energy Hazard, 12 V, maximum 9Ampere-hour battery (HR9-12). Before replacing batteries, remove conductive jewelry such as chains, wrist watches, and rings. High energy through conductive materials could cause severe burns.

CAUTION! Risk of battery explosion, if battery is replaced by an incorrect type. Dispose of used battery according to the instructions.

CAUTION! To reduce the risk of fire, connect only to a circuit provided with 20 amperes maximum branch circuit overcurrent protection in accordance with the National Electric Code, ANSI/NFPA 70.

CAUTION! Use only the specified CyberPower replacement battery, or battery pack. See your dealer for details.

CAUTION! The battery may present a risk of electrical shock. Do not dispose of batteries in a fire, as they may explode. Follow all local ordinances regarding proper disposal of batteries.

CAUTION! Do not open or mutilate the batteries. Released electrolyte is harmful to the skin and eyes and may be toxic.

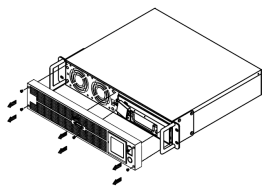
CAUTION! A battery may present a high risk of short circuit current and electrical shock.

Take the following precautions before replacing the battery:

1. Remove all watches, rings or other metal objects.
2. Only use tools with insulated handles.
3. Do not lay tools or metal parts on top of battery or any terminals.
4. Wear rubber gloves and boots.
5. Determine if the battery is inadvertently grounded. If inadvertently grounded, remove source of ground. **CONTACT WITH A GROUNDED BATTERY CAN RESULT IN ELECTRICAL SHOCK!** The likelihood of such shock will be reduced if such grounds are removed during installation and maintenance (applicable to a UPS and a remote battery supply not having a grounded circuit)

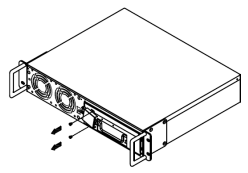
BATTERY REPLACMENT PROCEDURE:

1



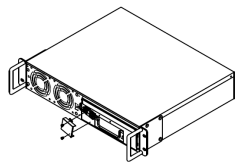
1.Remove the six retaining screws, and remove the front panel.

2



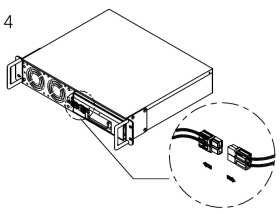
2. Remove the two retaining screws of the cable protection cover then remove the cover.

3



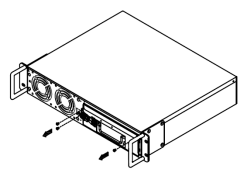
3. Remove the two retaining screws of the cable connectors.

4



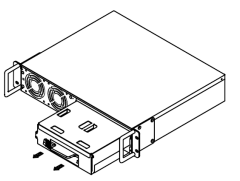
4. Disconnect the black and red cable

5



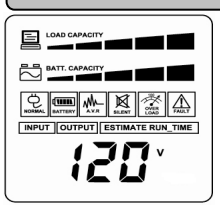
5. Remove the three retaining screws.

6



6. Pull out the old battery pack and replace. Reassemble the retaining screws, covers, black and red cable, and front panel in the reverse sequence of the above steps. Recharge the unit for 4-8 hours to ensure maximum UPS battery runtime.

LCD STATUS DEFINITION



The LCD displays detailed information on the UPS status and current power conditions to alert you to potential power problems before the affect your equipment. Note! All related UPS information is based on that you should turn on the UPS.

INPUT voltage meter: This meter measures the AC voltage from the wall outlet. The INPUT voltage readout is used to identify the input voltage information. This can be used as a diagnostic tool to identify poor-quality input power. Units are listed in V (Volts). When the UPS connect to any equipment, the AVR can provide a stable 110/120V power output. In the event of a complete loss of power, severe brownout, or over voltage, the UPS relies on its internal battery to back up to supply a consistent 110/120V output.

OUTPUT voltage meter: The Output Voltage screen measures, in real time, the AC voltage that the UPS is providing to your connected equipment via the UPS outlets. Units are listed in V (Volts).

ESTIMATE RUN TIME: The Estimated Runtime Screen displays how many minutes of runtime can be expected of the UPS if it were to experience a power outage. When runtime becomes shorted, the battery capacity will decrease; (battery capacity bar indicator will be falling.) Note: The number displayed may be less than actual runtimes for low loads.

NORMAL icon: This icon illuminates when the UPS is working under normal conditions.

BATTERY icon: When there is a severe brownout or blackout, this icon will appear followed by an alarm, (two short beeps), indicating that the UPS is now working using its internal batteries. Once the batteries are run out of power, (over a period of time), a constant alarm will sound. If this happens and main power has not been restored, it is recommended that you save your files and turn off your equipment manually as soon as possible.

Automatic Voltage Regulation (AVR) icon: This icon will appear when the unit is automatically regulating low or high AC input line voltage conditions, without resulting to the use of battery power.

SILENT MODE icon: This icon appearing indicates that the buzzer will not be beeping while in battery operating mode. During Silent mode, the unit's alarm does not sound until the Battery Capacity falls to < 20%.

OVER LOAD icon: This icon will appear followed by an alarm, indicating that an overload condition has been reached. To recover from the overload condition, start unplugging your equipment from the UPS outlets until the icon disappears and the alarm stops.

FAULT icon: When activated indicates a system fault error. Please refer to the troubleshooting table for possible causes and solutions.

BATT. CAPACITY meter: BATT. CAPACITY is shown as a bar chart; each segment indicates approximately a 20% of battery capacity.

LOAD CAPACITY: Load CAPACITY is shown as a bar chart; each segment indicates approximately a 20% of load capacity.

LOAD CAPACITY: This meter displays the approximate output load level (in 20% increments) of the UPS's battery outlets.

LCD STATUS AND SETUP FUCTIONS

1. General Mode:

a. Press the “Display-Toggle” button to check the status of the UPS.

b. Press and hold the “Display-Toggle” button for 4 seconds,

If the machine is in the Battery Mode with active alarm, it will become silent.

If the machine is in the Line Mode, a self- diagnostic test will take place.

c. If the “Display-Toggle” button remains untouched for over 30 seconds, the LCD backlight will turn off automatically.

	Item	Unit
1	Input Voltage	V
2	Output Voltage	V
3	Output Frequency	Hz
4	Load	Kw
5	Estimate Run Time	Min
6	Load Capacity	%
7	Battery Capacity	%
8	Centigrade	℃
9	Fahrenheit	℉

2. Set-up Mode

Step 1: Hold the “Display-Toggle” button for 10 seconds to enter the UPS Set-Up Mode.

Step 2: By pressing the Display toggle, users can switch between setup functions. Some User Configurable functions are as follows:

a. Delay Time: The time delay between switching from Battery Mode to Line Mode. There are 9 different settings. The default setting is 0 minutes.

b. Battery Pack Numbers: This function provides the estimated UPS runtime using various numbers of battery packs. The default setting is 0.

c. Static Frequency Tolerance: There are 6 settings (1,2,4,6,8,10 %), and the default setting is +/-6%. Functional description: The setting may be adjusted to the quality of the electricity in use.

d. Slew rate: Also known as Dynamic Frequency Tolerance. There are 5 different settings (0.25,0.5,1,2,4 Hz/Sec). The fault value is 4Hz/sec. **Functional Description:** “Slew Rate” indicates the tolerance of a device in accepting frequency variance. Lower “Slew Rate” results in less tolerance but better protection for the connected load and vice versa.

e. Low Battery Shutdown Voltage: This function will adjust the UPS shutdown point according to the battery’s remaining capacity.

These programmable items are sorted by unit as in the following table：

Items	Unit
Delay Time	Min
Battery Pack Numbers	A
Static Frequency Tolerance	%
Slew Rate	Hz
Battery Shutdown Voltage	V

Step 3: Press and hold the display-toggle for 4 seconds. When the icons blink, the value of each item is changed by slightly pressing the toggle.

Step 4: To save the value and return to general mode, press and hold the toggle for 4 seconds.

Note! If the UPS is left idle for over 30 seconds during setup, it will turn off the backlight and return to general mode automatically.

Note! If the user does not want to save the new settings and return to the general mode, there are two methods:

1. Wait for the backlight to turn off, or,
2. By pressing and holding the “Display-toggle” key for 10 second.

TROUBLE SHOOTIMG

Problem	Possible Cause	Solution
Outlet do not provide power to equipment	Circuit breaker has tripped due to an overload.	Turn the UPS off and unplug at least one piece of equipment. Wait 10 seconds, reset the circuit breaker by depressing the button, and then turn the UPS on.
	Batteries are discharged	Recharge the unit for at least 4 hours
	Unit has been damaged by a surge or spike.	Contact CyberPower Systems about replacement batteries at tech@cpsww.com
	Uncritical outlets have turned off automatically due to an overload.	Push the toggle button to make the uncritical outlets turn on.
The UPS does not perform expected runtime.	Battery not fully charged.	Recharge the battery by leaving the UPS plugged in.
	Battery is degraded.	Contact CyberPower Systems about replacement batteries at tech@cpsww.com
The UPS will not turn on.	The on/off switch is designed to prevent damage by rapidly turning it off and on.	Turn the UPS off. Wait 10 seconds and then turn the UPS on.
	The unit is not connected to an AC outlet.	The unit must be connected to a 110/120v outlet.
	The battery is worn out.	Contact CyberPower Systems about replacement batteries at tech@cpsww.com
	Mechanical problem.	Contact CyberPower Systems at tech@cpsww.com
PowerPanel® Personal Edition is inactive	The serial cable or USB cable is not connected.	Connect the cable to the UPS unit. You must use the cable that came with the unit.
	The cable is connected to the wrong port.	Try another port of your computer
	The unit is not providing battery power.	Shutdown your computer and turn the UPS off. Wait 10 seconds and turn the UPS back on. This should reset the unit.
	The serial cable is not the cable that was provided with the unit.	You must use the cable included with the unit for the software

Additional troubleshooting information can be found at **www.cyberpowersystems.com/support.htm**

TECHNICAL SPECIFICATIONS

Model	PR1000LCDRTXL2Ua	PR1500LCDRTXL2U	PR2200LCDRTXL2U
Capacity(VA)	1000	1500	2150
Capacity(Watts)	750	1125	1650
Input			
Input Plug Type	NEMA 5-15P		NEMA 5-20P
Input Voltage Range	80Vac-150Vac		
Input Frequency Range	50/60Hz+/-3Hz(auto sensing)		
Output			
On Battery Output Voltage	Pure Sine Wave at 120Vac+/-5%		
On Battery Output Frequency	50/60Hz+/-0.1Hz		
Transfer Time(Typical)	4 ms		
Overload Protection	On Utility: Circuit Breaker, On Battery: Internal Current Limiting		
Surge Protection and Filtering			
Lightning/Surge Protection	Yes		
Internet Ready(DSL/Phone/ FAX/Modem Protection)	RJ11/RJ45(One In/One Out)		
Physical			
Output Receptacles	(8)NEMA 5-15R		(8) NEMA 5-20R
Dimensions(in)	2U Rack, 17.1” x 18.9” x 3.5”	2U Rack, 17.1” x 15.3” x 3.5”	
Weight (lb)	68	70	77
Battery			
Sealed Maintenance Free Lead Acid Battery	12V / 9.0AHx4		
Extension Runtime	Yes		
Hot Swappable External Battery	Yes		
Warning Diagnostics			
Indicators	Power On, Wiring Fault, LCD Display (Using Battery, AVR, Load Level, Battery Level)		
Audible Alarms	On Battery, Low Battery, Overload		
Environmental			
Operating Temperature	32°F to 104°F (0°C to 40 °C)		
Operating Relative Humidity	0 to 95% Non-Condensing		
Communication			
PowerPanel ®Business Edition	Windows 98/ME/NT/2000/XP, Vista		
Management			
Self-Test	Manual Self-Test		
Auto-Charger/ Auto-Restart	Yes		
COM Interface	True RS232 x1+ Dry connector x1		
Built-in USB Interface	Yes		
SNMP/ HTTP Network Slot	Yes		

CYBERPOWER GREENPOWER UPS™ TECHNOLOGY

GreenPower UPS™

The CyberPower GreenPower UPS™ cuts UPS energy costs by up to 75% compared to the conventional UPS circuits. Conventional UPS systems pass power through a transformer to provide normal output voltage to protected devices. By contrast, the GreenPower UPS™ circuitry bypasses the transformer when utility power is normal, significantly increasing the power efficiency of the UPS. As a result, a GreenPower UPS™ produces less heat and uses less energy reducing energy costs.

When utility power is abnormal, the GreenPower UPS™ operates like a normal UPS. Since utility power operates normally 88% of the time, the GreenPower UPS™ operates primarily in its cost-cutting bypass mode.

ENERGY-SAVING TECHNOLOGY

LIMITED WARRANTY AND CONNECTED EQUIPMENT GUARNTEE

Read the following terms and conditions carefully before using the CyberPower **PR1000LCDRTXL2Ua/PR1500LCDRTXL2U/ PR2200LCDRTXL2U** (the "Product"). By using the Product you consent to be bound by and become a party to the terms and conditions of this Limited Warranty and Connected Equipment Guarantee (together referred to as this "Warranty"). If you do not agree to the terms and conditions of this Warranty, you should return the Product for a full refund prior to using it.

Who is Providing this Warranty?

CyberPower Systems (USA), Inc. ("CyberPower") provides this Limited Warranty.

What Does This Warranty Cover?

This warranty covers defects in materials and workmanship in the Product under normal use and conditions. It also covers equipment that was connected to the Product and damaged because of the failure of the Product.

What is the Period of Coverage?

This warranty covers the Product for three years and connected equipment for as long as you own the Product.

Who Is Covered?

This warranty only covers the original purchaser. Coverage ends if you sell or otherwise transfer the Product.

How Do You Get Service?

1. Call us at (877) 297-6937 or write to us at Cyber Power Systems (USA), Inc., 4241 12th Ave. E., STE 400, Shakopee, MN 55379 or send us an e-mail message at claims@cpsww.com for instructions.
2. When you contact CyberPower, identify the Product, the Purchase Date, and the item(s) of Connected Equipment. Have information on all applicable insurance or other resources of recovery/payment that are available to the Initial Customer and Request a Claim Number.
3. You must provide a **dated Proof-of-Purchase receipt** (or other proof of the original purchase) and provide a description of the defect.
4. Pack and ship the product with a **dated Proof- of-Purchase receipt** to CyberPower and, if requested, the item(s) of Connected Equipment, a repair cost estimate for the damage to the Connected Equipment, and all claim forms that CyberPower provides to you. Show the Claim Number on the shipping label or include it with the product. **You must prepay all shipping costs, you are responsible for packaging and shipment, and you must pay the cost of the repair estimate.**

How Long Do I Have To Make A Claim?

All claims must be made within ten days of the occurrence.

What Will We Do To Correct Problems?

CyberPower will inspect and examine the Product.

If the Product is defective in material or workmanship, CyberPower will repair or replace it at CyberPower's expense, or, if CyberPower is unable to or decides not to repair or replace the Product (if defective) within a reasonable time, CyberPower will refund to you the full purchase price you paid for the Product (purchase receipt showing price paid is required).

If it appears that our Product failed to protect any equipment plugged into it, we will also send you forms for making your claim for the connected equipment. We will repair or replace the equipment that was damaged because of the failure of our Product or pay you the fair market value (NOT REPLACEMENT COST) of the equipment at of the time of the damage. We will use Orion Blue Book, or another a third-party valuation guide, or eBay, craigslist, or other source to establish that amount. Our maximum liability is limited to **$400,000 for PR1000LCDRTXL2Ua/ PR1500LCDRTXL2U/PR2200LCDRTXL2U**.

Who Pays For Shipping?

We pay when we send items to you; you pay when you send items to us.

What Are Some Things This Warranty Does Not Cover?

1. This Warranty does not cover any software that was damaged or needs to be replaced due to the failure of the Product or any data that is lost as a result of the failure or the restoration of data or records, or the reinstallation of software.
2. This Warranty does not cover or apply to: misuse, modification, operation or storage outside environmental limits of the Product or the equipment connected to it, nor for damage while in transit or in storage, nor if there has been improper operation or maintenance, or use with items not designed or intended for use with the Product, such as laser printers, appliances, aquariums, medical or life support devices, etc.

What Other Limitations Apply?

1. This Warranty does not apply unless the Product and the equipment that was connected to it were connected to properly wired and grounded outlets (including compliance with electrical and safety codes of the most current electrical code), without the use of any adapters or other connectors.
2. The Product must have been plugged directly into the power source and the equipment connected to the Product must be directly connected to the Product and not "daisy-chained" together in serial fashion with any extension cords, another Product or device similar to the Product, surge suppressor, or power tap. Any such installation voids the Limited Warranty.
3. The Product and equipment connected to it must have been used properly in a suitable and proper environment and in conformance with any license, instruction manual, or warnings provided with the Product and the equipment connected to it.
4. The Product must have been used at all times within the limitations on the Product's VA capacity.

What are the Limitations?

The sole and exclusive remedies of the Initial Customer are those provided by this Warranty.

The Product was designed to eliminate disrupting and damaging effects of momentary (less than 1ms) voltage spikes or impulses from lightning or other power transients. If it can be shown that a voltage spike lasting longer than 1ms has occurred, the occurrence will be deemed outside the rated capabilities of the Product and the Limited Warranty is void. CyberPower Does Not Cover or Undertake Any Liability in Any Event for Any of the Following:

1. Loss of or damage to data, records, or software or the restoration of data or records, or the reinstallation of software.
2. Damage from causes other than AC Power Line Transients, spikes, or surges on properly installed, grounded and code-compliant 120 volt power lines in the United States and Canada; transients, surges or spikes on standard telephone land lines, PBX telephone equipment lines or Base 10T Ethernet lines, when properly installed and connected. (This exclusion applies, for example, to fluctuations in data transmission or reception, by CATV or RF transmission or fluctuations, or by transients in such transmission.)
3. Damage from any circumstance described as excluded above with respect to the Product.
4. Damages from fire, flood, wind, rain, rising water, leakage or breakage of plumbing, abuse, misuse or alteration of either the product or the Connected Equipment.
5. CyberPower excludes any liability for personal injury under the Limited Warranty and Connected Equipment Guarantee. CyberPower excludes any liability for direct, indirect, special, incidental or consequential damages, whether for damage to or loss of property [EXCEPT FOR (AND ONLY FOR) the specific limited agreement of CyberPower to provide certain warranty benefits regarding "Connected Equipment" under this Warranty], loss of profits, business interruption, or loss of information or data. NOTE: Some States or Provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you.
6. The Product is not for use in high-risk activities or with aquariums. The Product is not designed or intended for use in hazardous environments requiring fail-safe performance, or for use in any circumstance in which the failure of the Product could lead directly to death, personal injury, or severe physical or property damage, or that would affect operation or safety of any medical or life support device (collectively, "High Risk Activities"). CyberPower expressly disclaims any express or implied warranty of fitness for High Risk Activities or with aquariums. CyberPower does not authorize use of any Product in any High Risk Activities or with Aquariums. **ANY SUCH USE IS IMPROPER AND IS A MISUSE OF THE PRODUCT.**

What is the Fine Print?

The application of the United Nations Convention of Contracts for the International Sale of Goods is expressly excluded.

CyberPower is the warrantor under this Limited Warranty.

For further information please feel free to contact CyberPower at Cyber Power Systems (USA), Inc. 4241 12th Ave E., STE 400, Shakopee, MN 55379; call us at (877) 297-6937; or send us an e-mail message at claims@cpsww.com.

FCC Notice

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

WARNING!! This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Shielded signal cables must be used with this product to ensure compliance with the Class A FCC limits.

The Class A digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulation.
Cet appareil numerique de la class A respecte toutes les exigencies du Reglement sur le materiel brouilleur du Canada.